

Figure 1

0986082 062204
102290 2808860

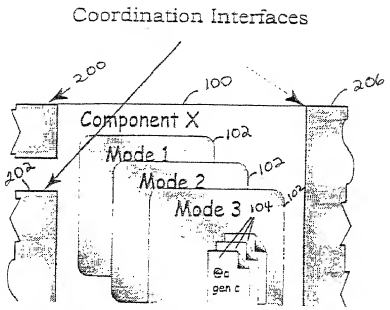


Figure 2

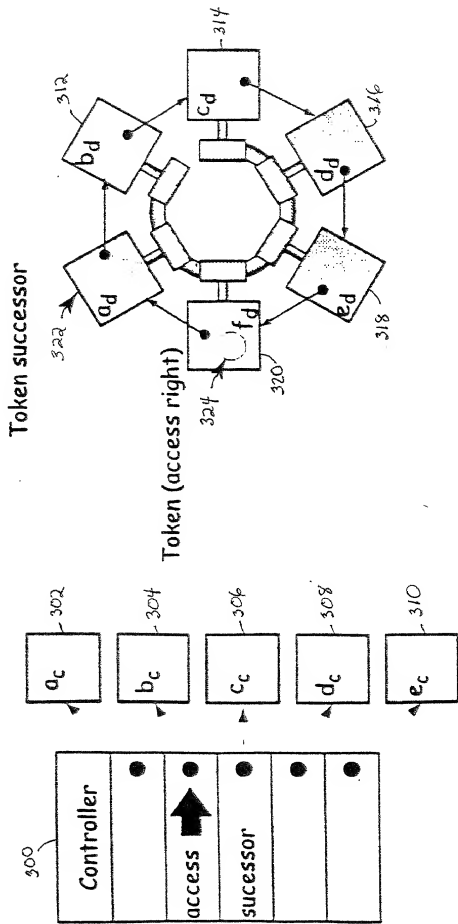


Figure 3A

Figure 3B

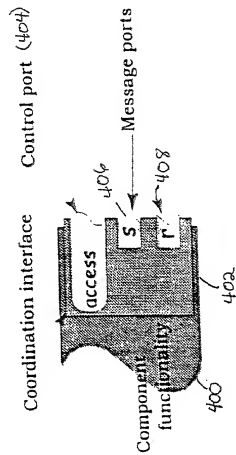


Figure 4A

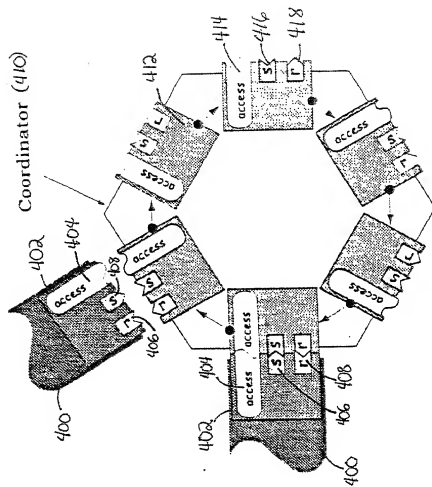


Figure 4B

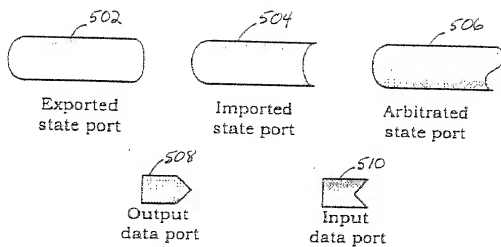


Figure 5

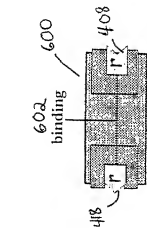


Figure 6A

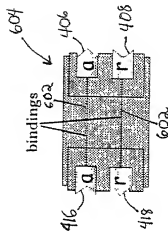


Figure 6B

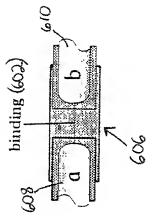


Figure 6C

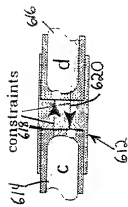


Figure 6D

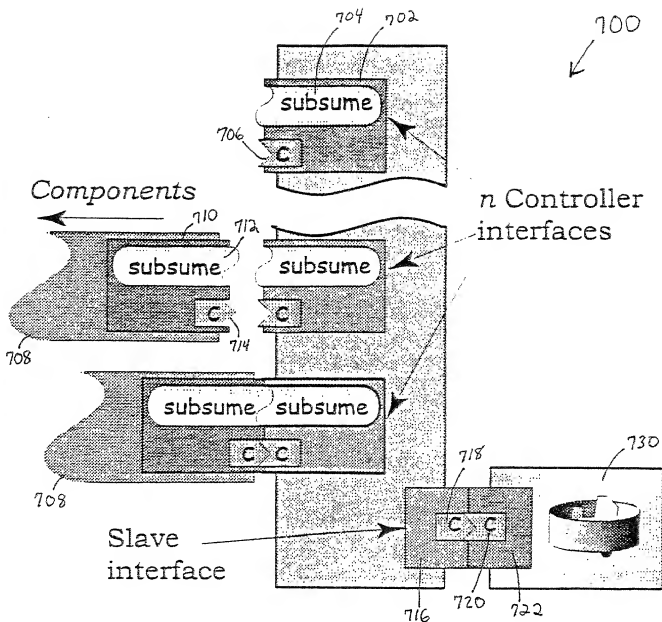


Figure 7

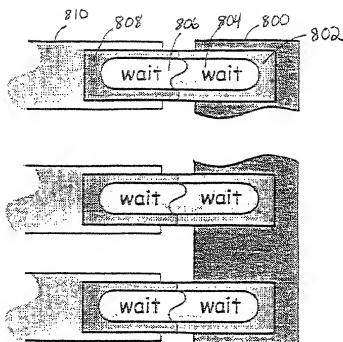


Figure 8

This diagram illustrates a rendezvous resource, labeled 900. It features a central vertical bar 902. To the left of this bar, there are three horizontal bars, each labeled 904, 906, and 908 from top to bottom. Each of these horizontal bars contains two oval shapes, both labeled 'wait'. To the right of the central bar 902, there is a horizontal bar labeled 910, which also contains two oval shapes, both labeled 'avail'. The entire structure is enclosed within a larger rectangular frame labeled 912. The word 'Resource' is written at the bottom right of the diagram.

Figure 9

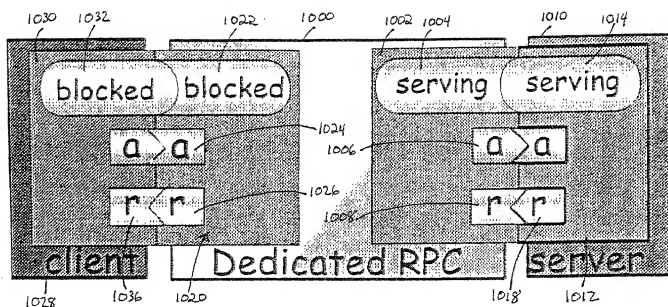


Figure 10

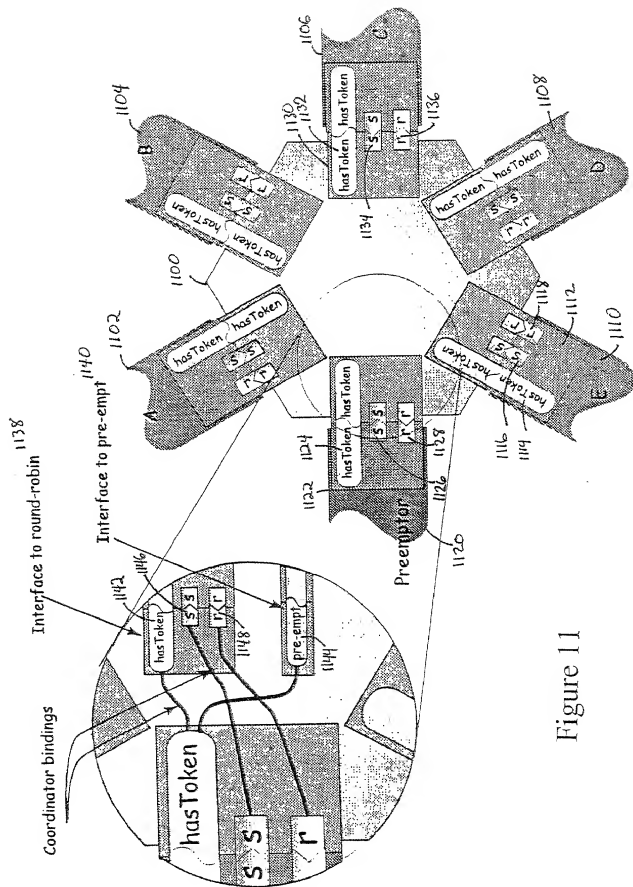


Figure 11

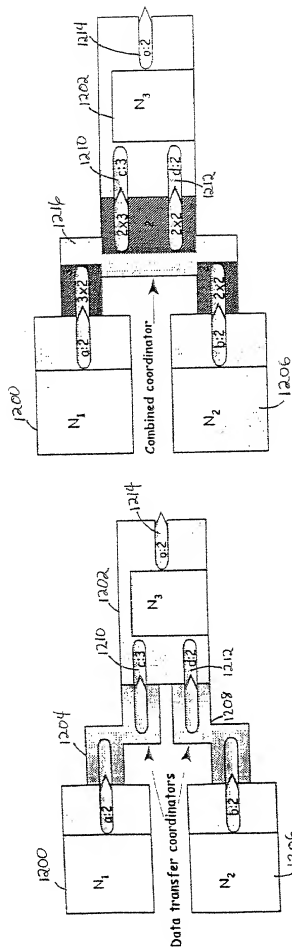


Figure 12A

Figure 12B

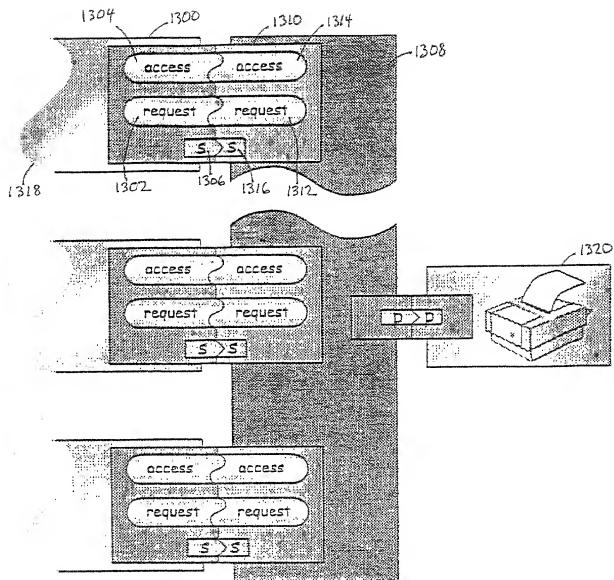


Figure 13

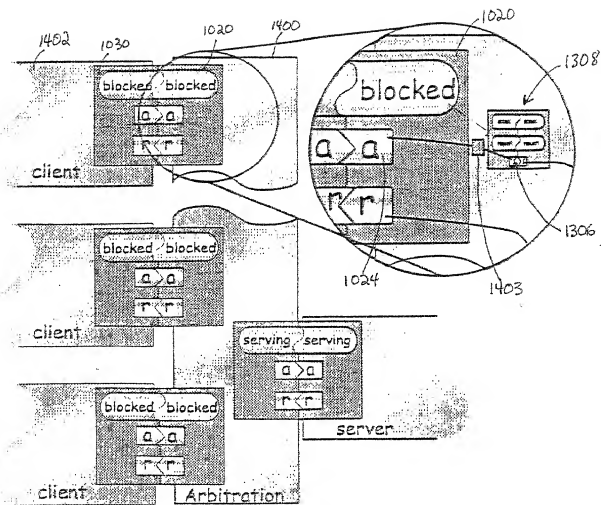


Figure 14

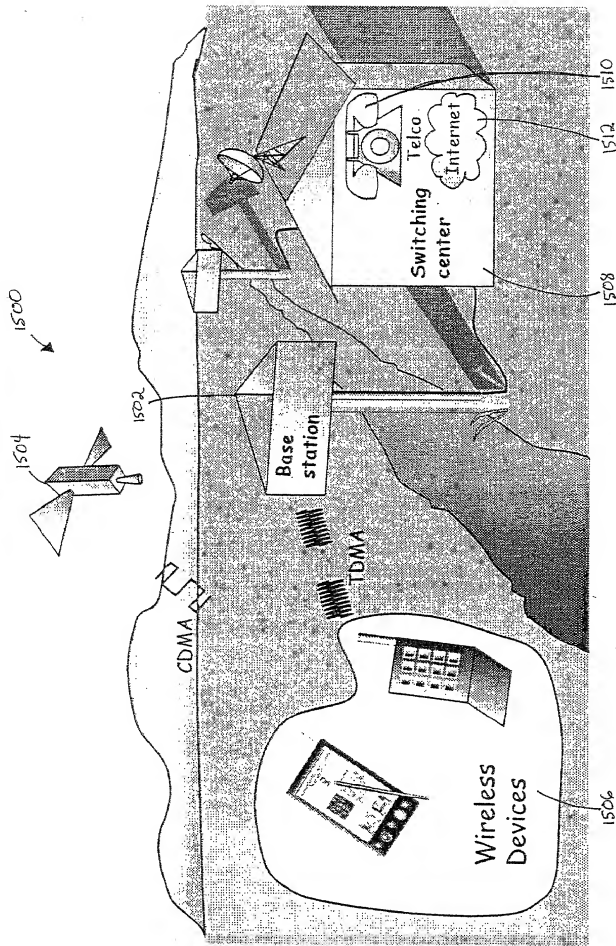


Figure 15

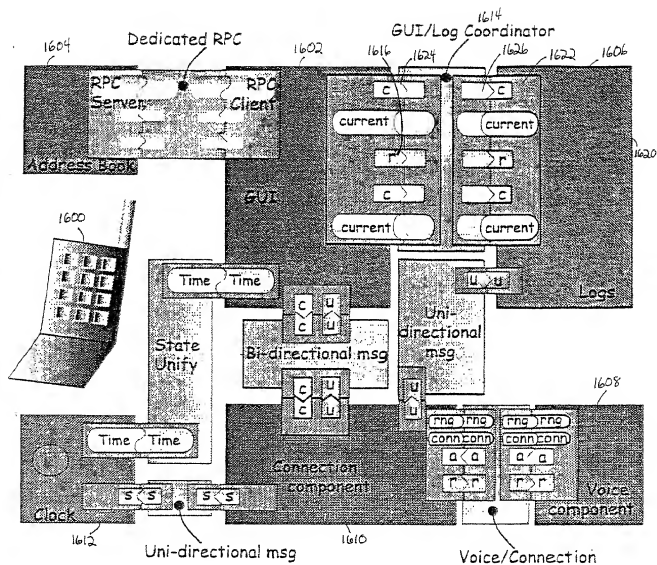


Figure 16

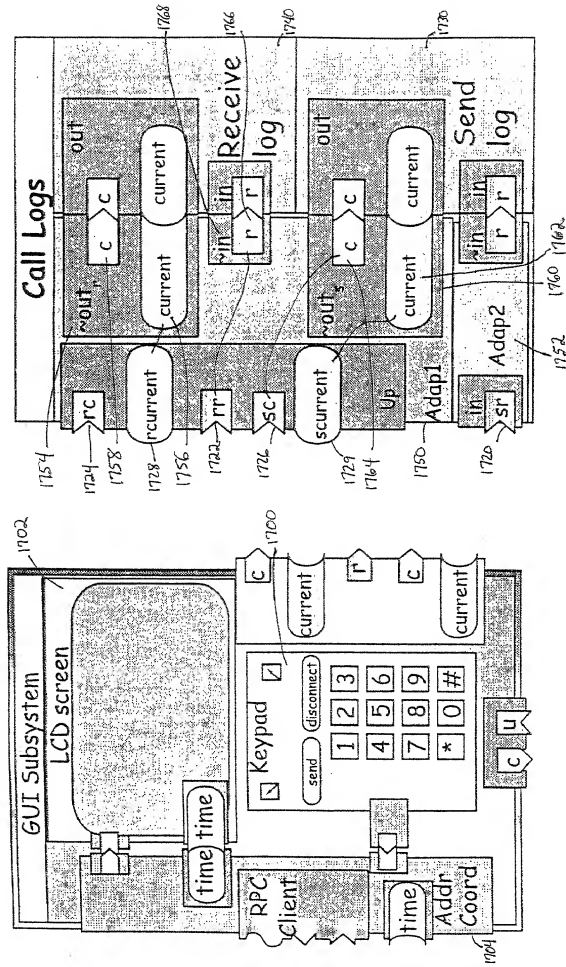


Figure 17A

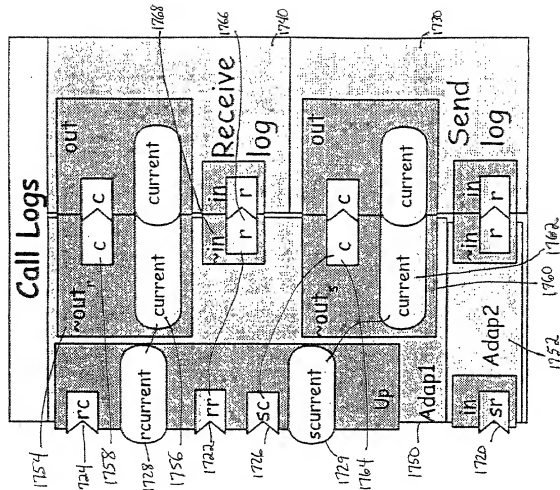


Figure 17B

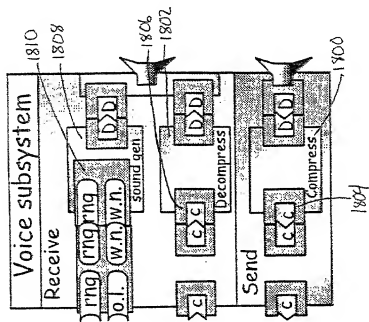


Figure 18A

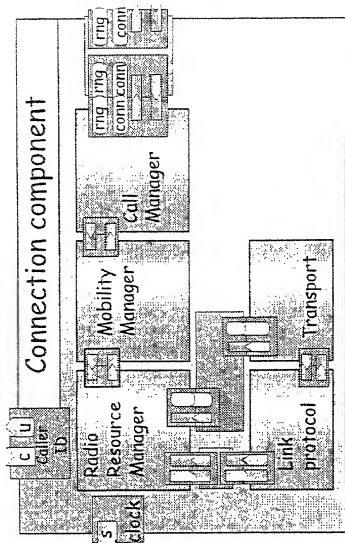


Figure 18B

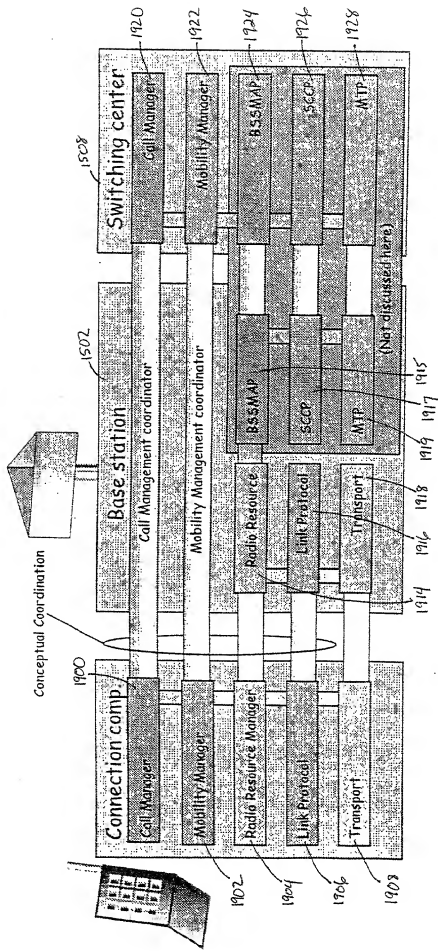


Figure 19

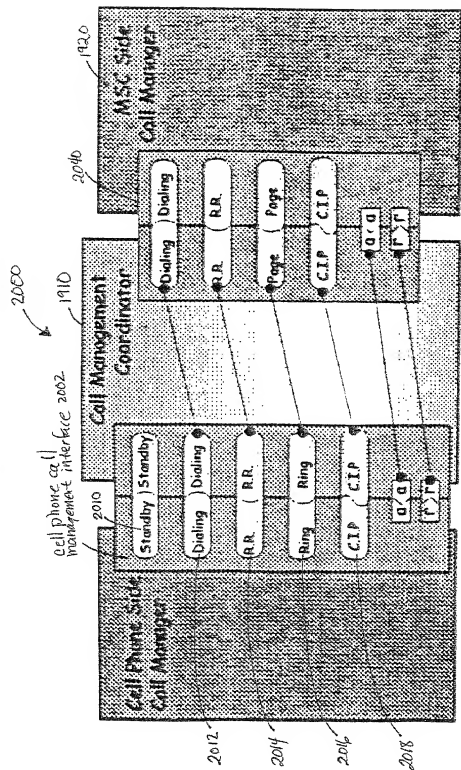


Figure 20

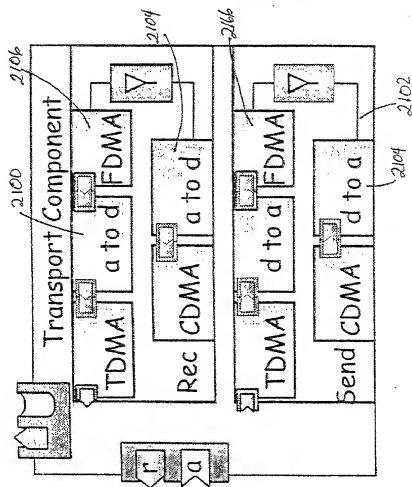


Figure 21A

Figure 21B

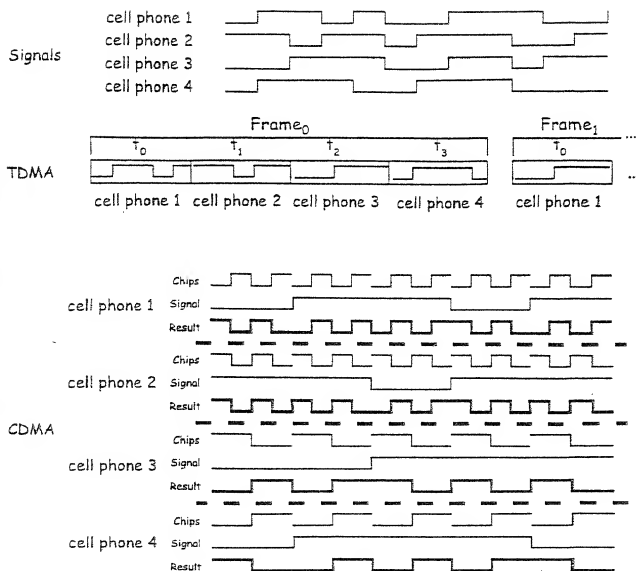


Figure 22

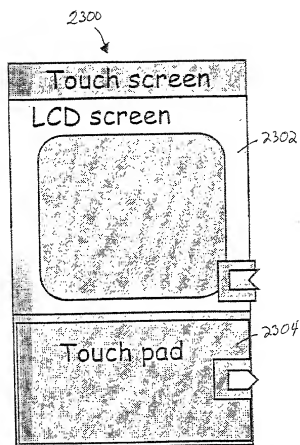


Figure 23A

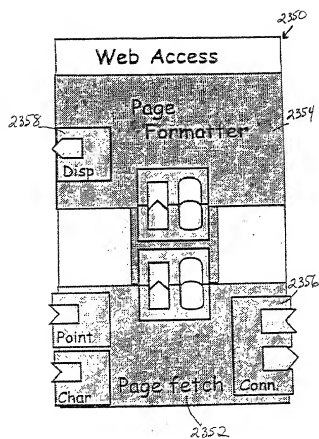


Figure 23B

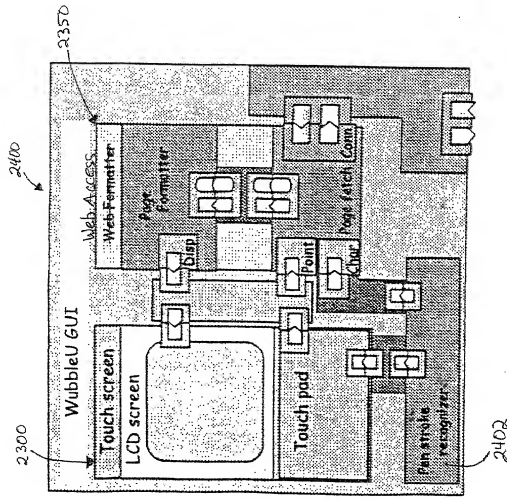


Figure 24A

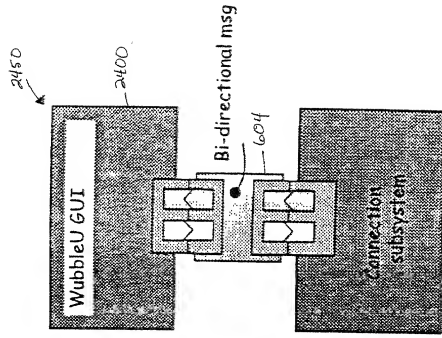


Figure 24B

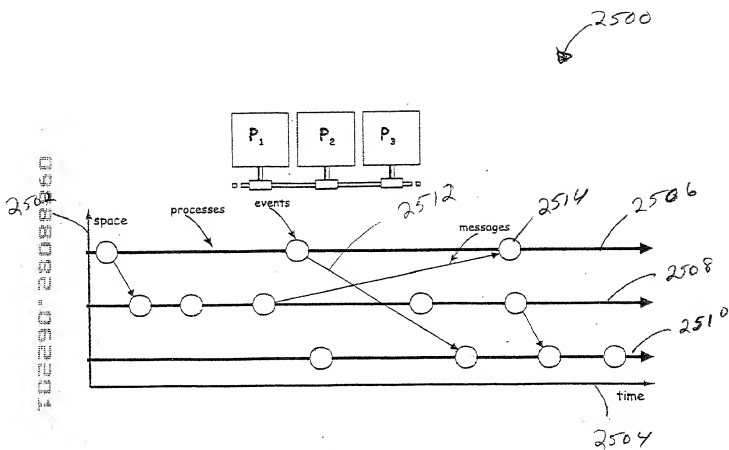


Figure 25

(prior art)

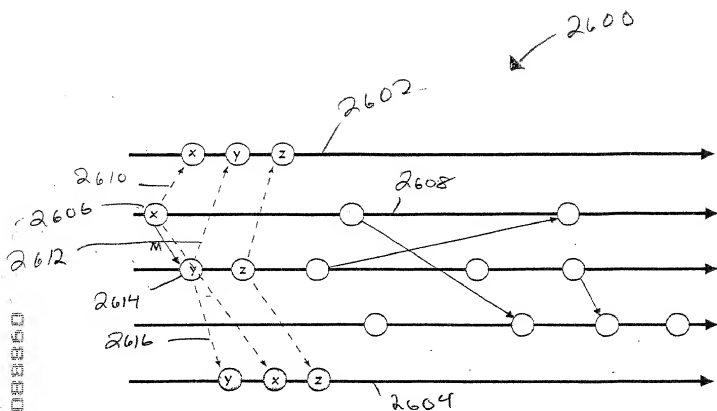


Figure 26

(prior art)

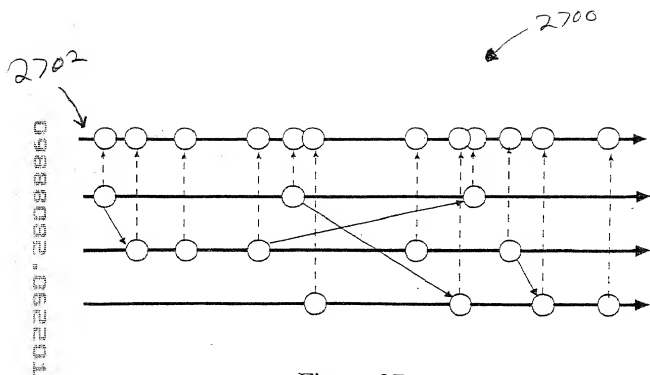


Figure 27

(prior art)

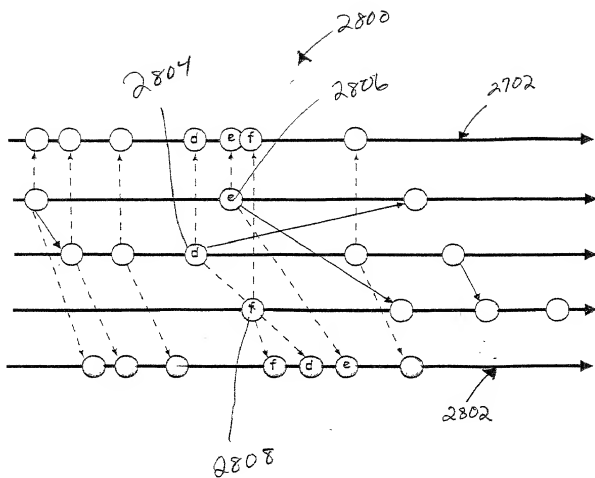


Figure 28

(prior art)

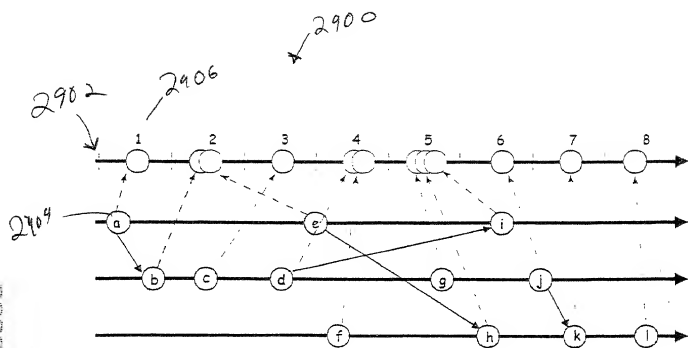


Figure 29

(prior art)

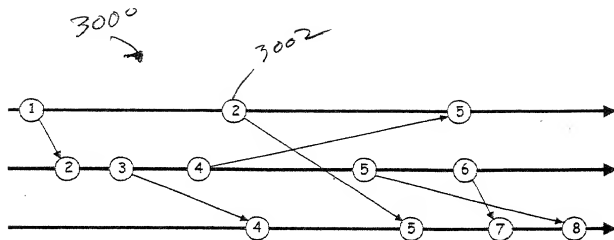


Figure 30

(prior art)

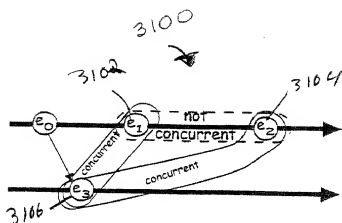


Figure 31

(prior art)

00000000000000000000000000000000

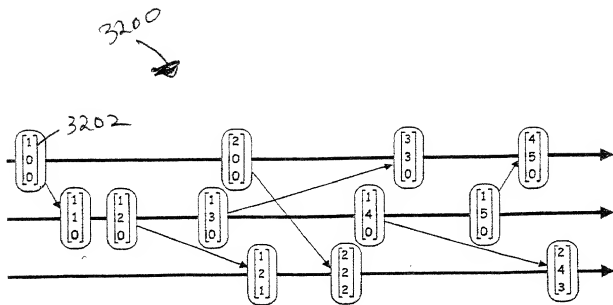


Figure 32

(prior art)

3300

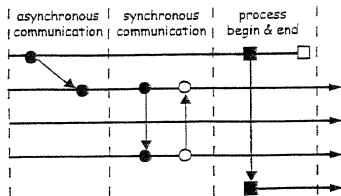


Figure 33

(prior art)

100290*23088860

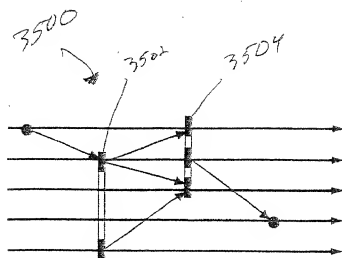


Figure 35

(prior art)

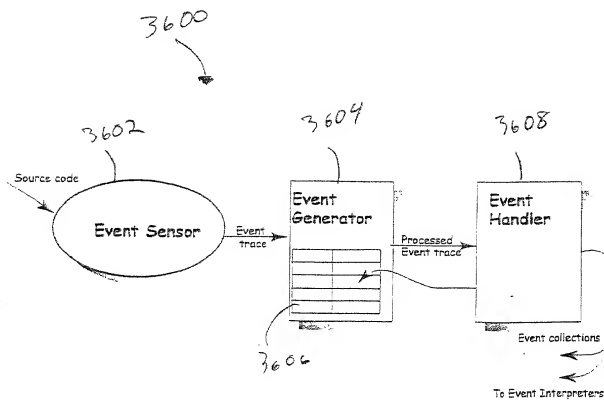


Figure 36

(prior art)

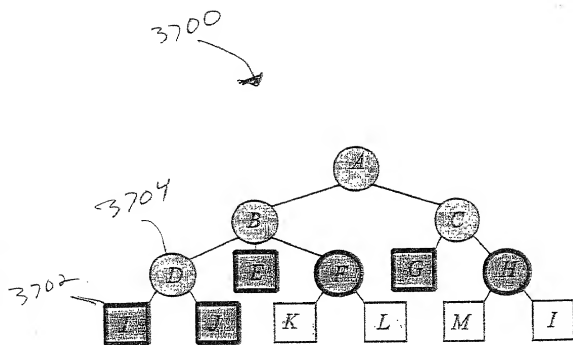


Figure 37

(prior art)

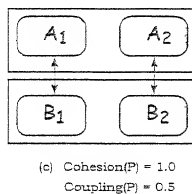
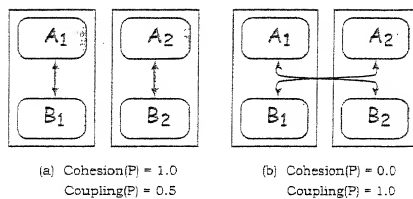


Figure 38

(prior art)

3900

first cut 3902

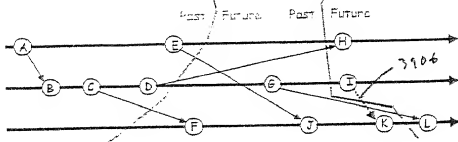
second cut
3904

Figure 39

(prior art)

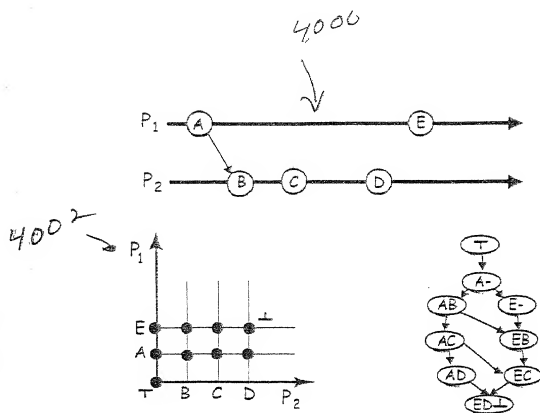
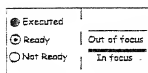
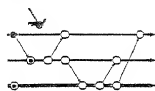


Figure 40

(prior art)

4102

4100



4104

4106

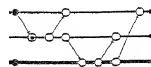


Figure 41

(prior art)

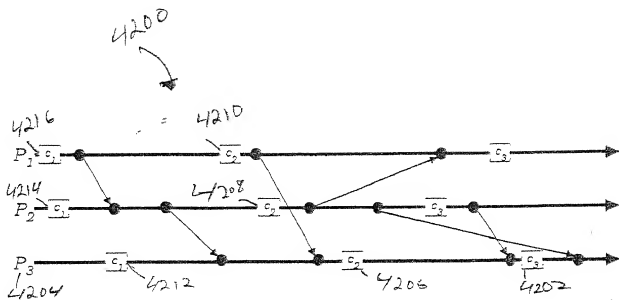


Figure 42

(prior art)

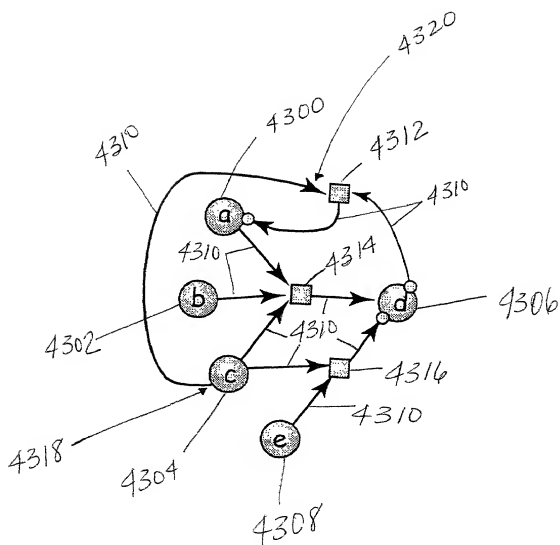


FIG. 43

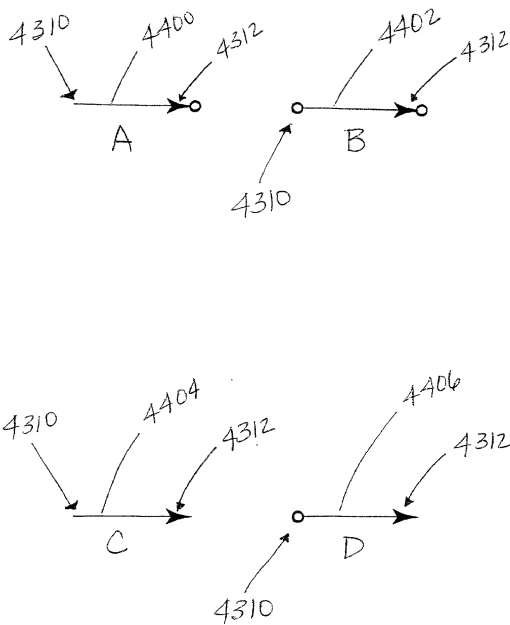


FIG. 44

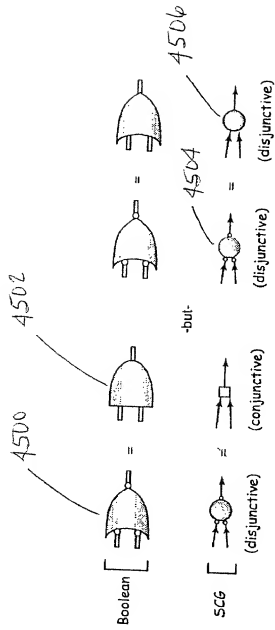
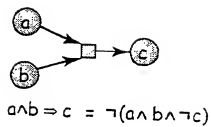
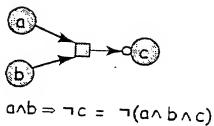


FIG. 45



A



B

FIG. 46

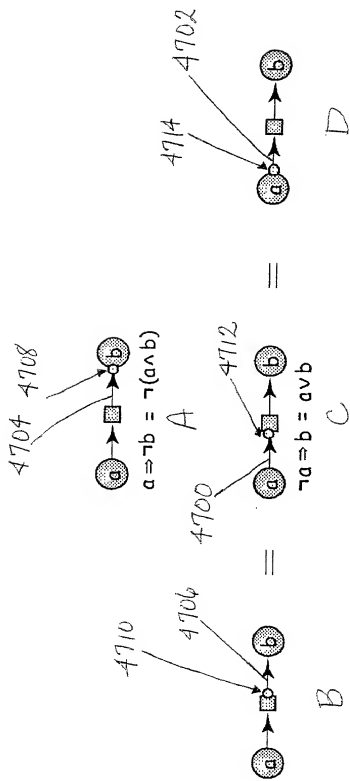


FIG. 47

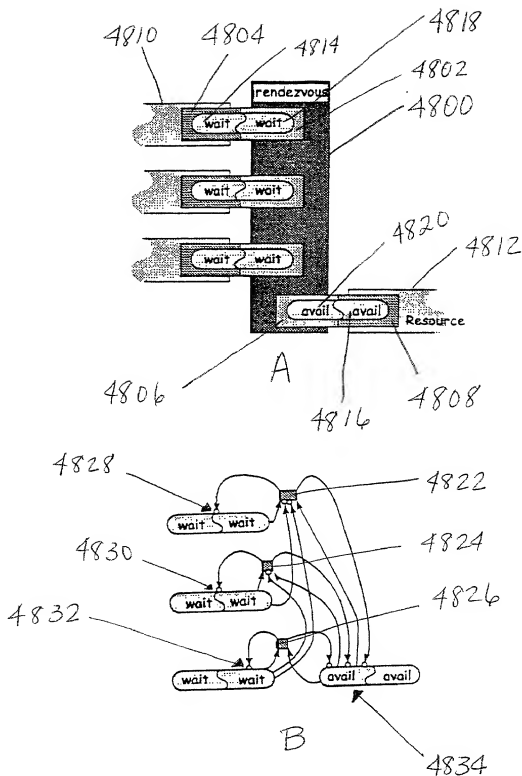


FIG. 48

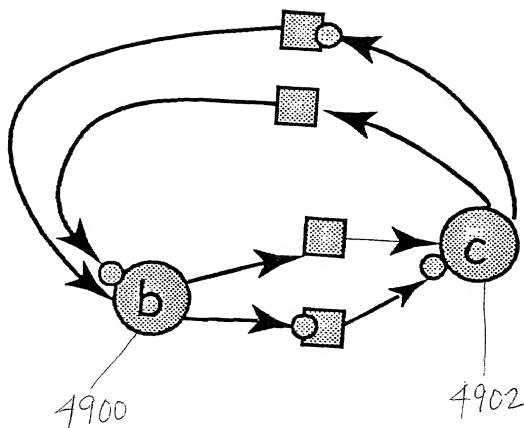
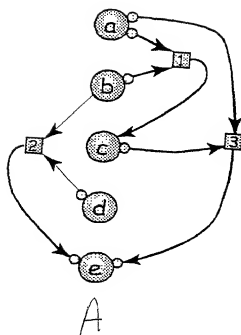


FIG. 49



$$\underbrace{(a \vee b \vee c)}_1 \wedge \underbrace{(\neg b \vee d \vee \neg e)}_2 \wedge \underbrace{(a \vee c \vee \neg e)}_3$$

$$\underbrace{(\neg a \wedge \neg b = c)}_1 \wedge \underbrace{(b \wedge \neg d \Rightarrow \neg e)}_2 \wedge \underbrace{(\neg a \wedge \neg c = \neg e)}_3$$

FIG. 50

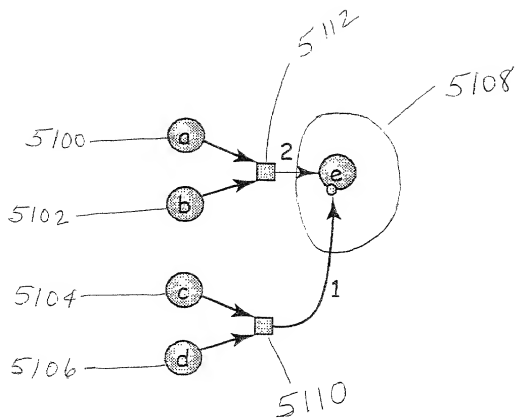


FIG. 51A

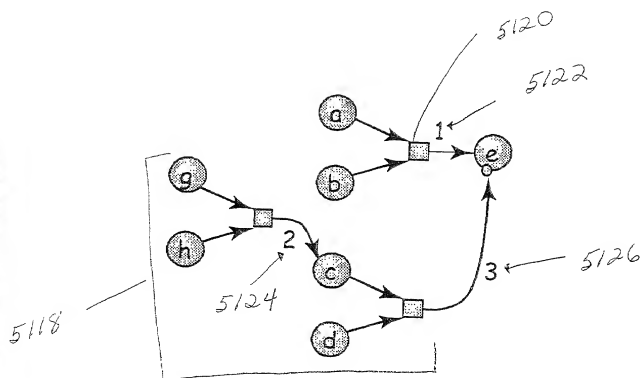


FIG. 51B

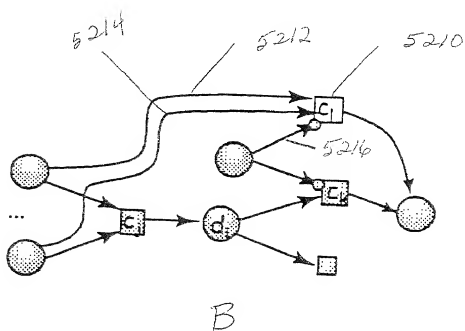
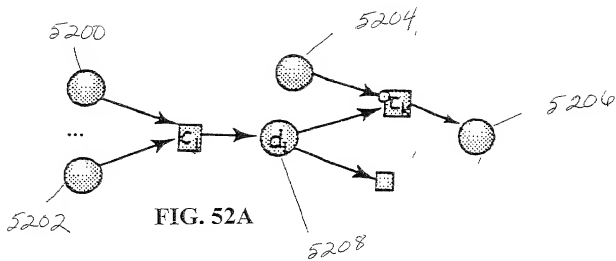


FIG. 52B

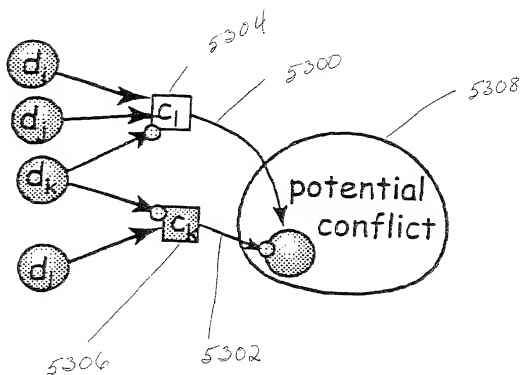


FIG. 53

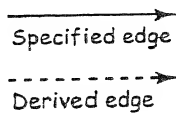
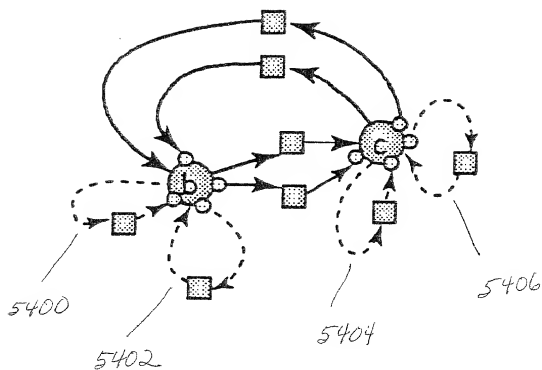


FIG. 54

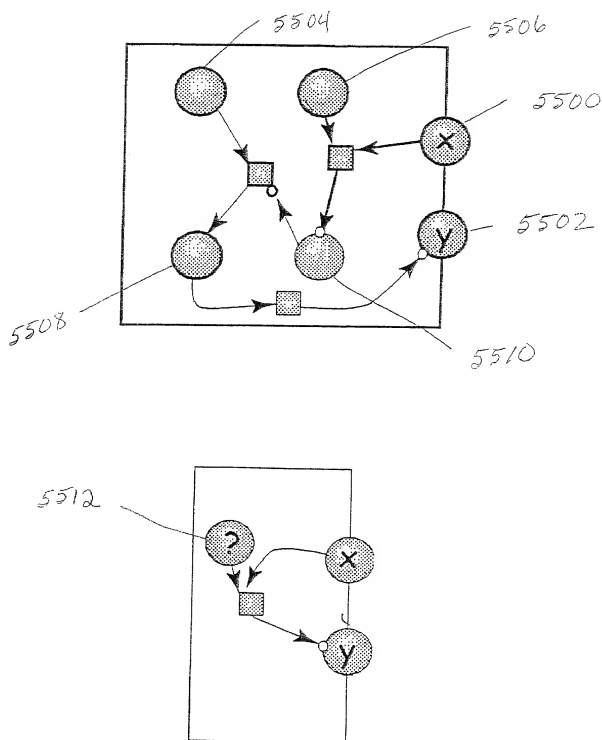


FIG. 55

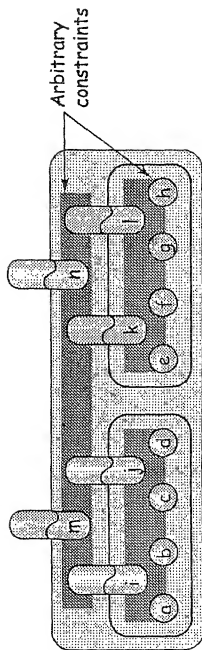


FIG. 56

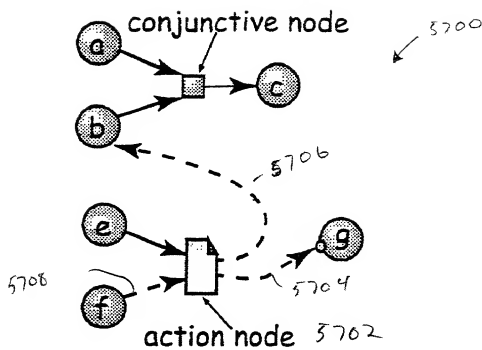


Figure 57

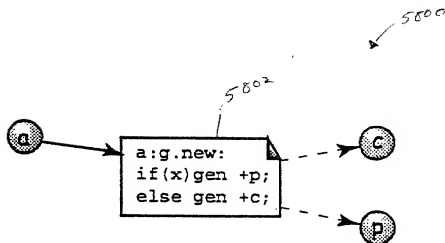


Figure 58

102290-28088860

No visual representation in any control graph

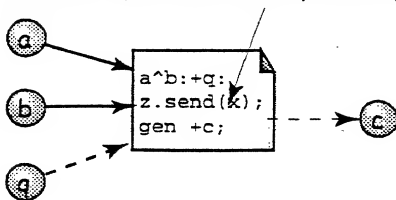


Figure 59

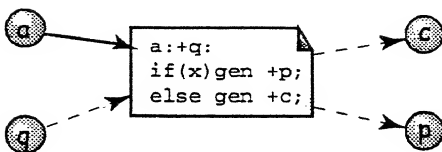


Figure 60

0988082.052201

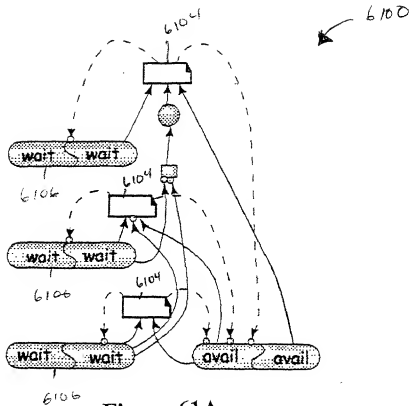


Figure 61A

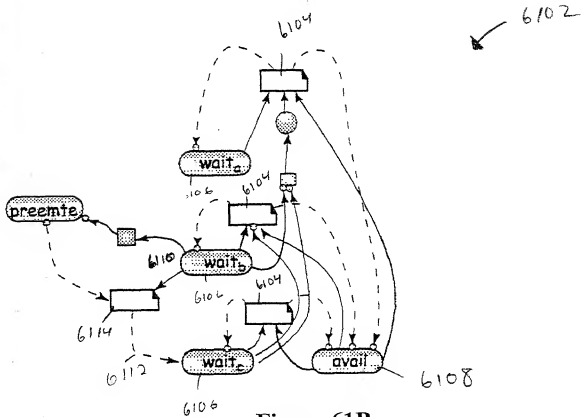


Figure 61B

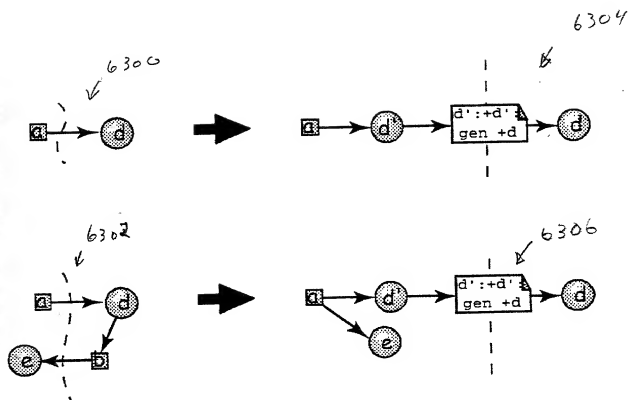


Figure 63

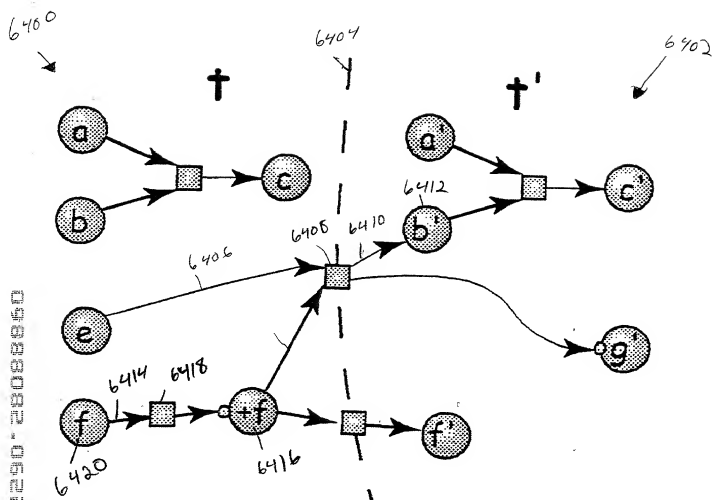
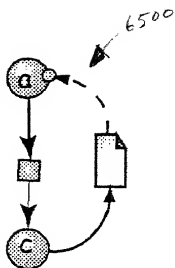
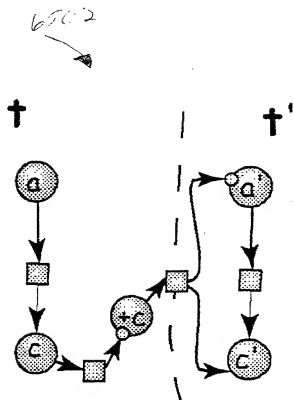


Figure 64



(a) Original DCG.



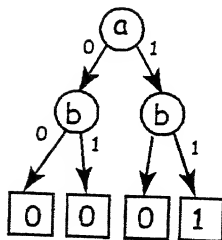
(b) Unrolled.

Figure 65

$$f = a \wedge b$$

a	b	f
0	0	0
0	1	0
1	0	0
1	1	1

(a)



(b)

Figure 66

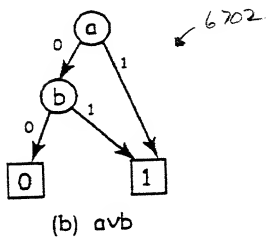
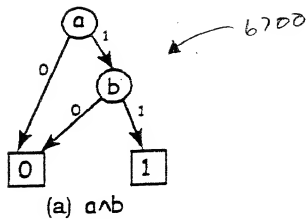
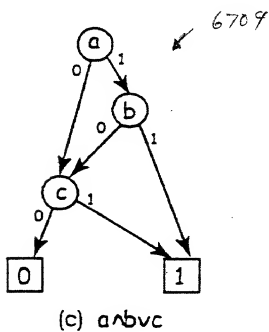
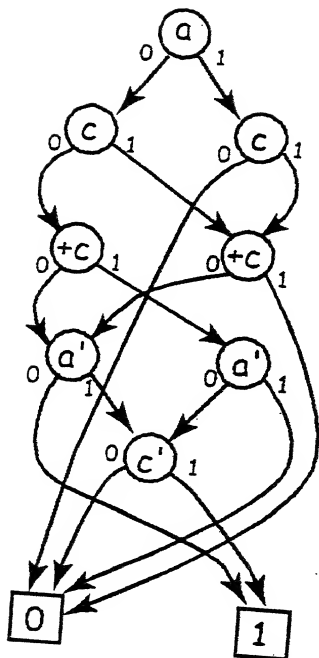


Figure 67





6800

Figure 68

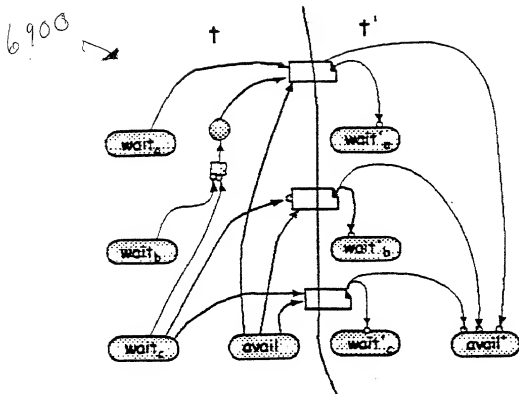


Figure 69A

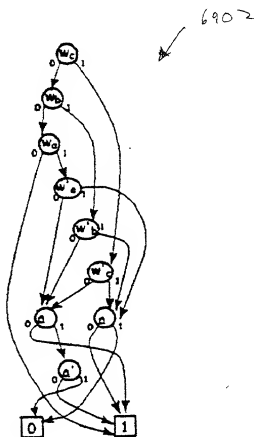
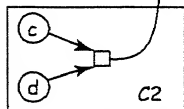
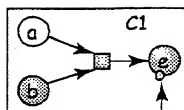
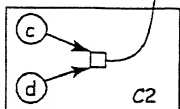
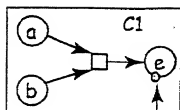


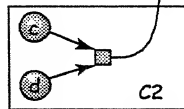
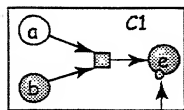
Figure 69B



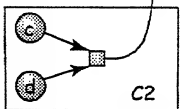
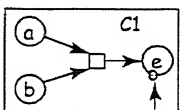
(a)



(b)



(c)



(d)

Figure 70

0980082 062201

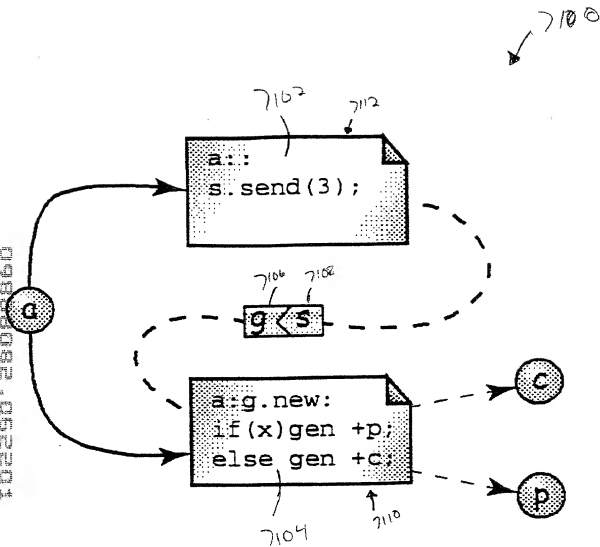


Figure 71

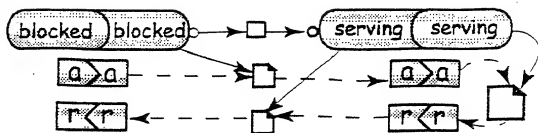


Figure 72

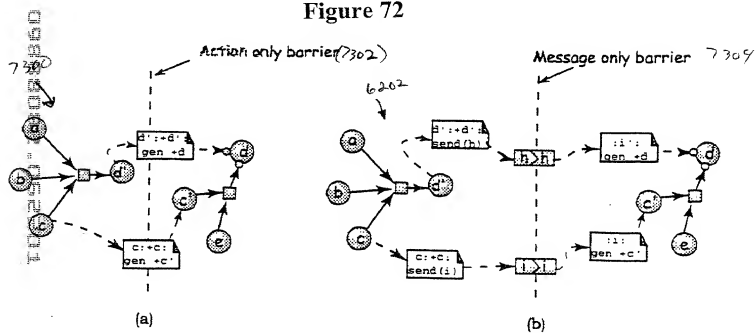
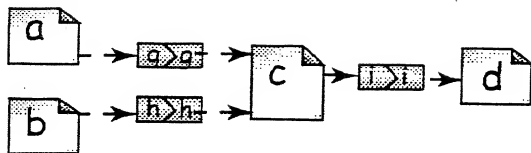


Figure 73

7400



a produces 3 g
 b produces 4 h
 c consumes 2 g and 3 h
 c produces 5 i
 d consumes 2 i

7402

Figure 74A

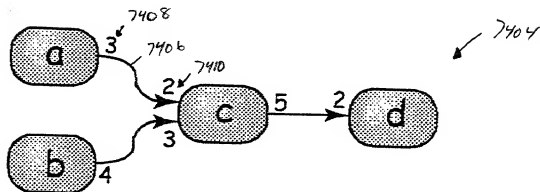


Figure 74B

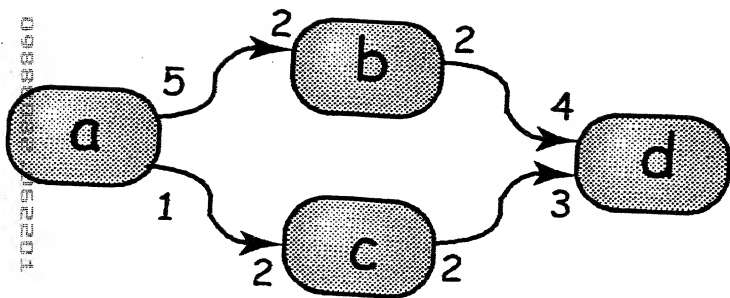


Figure 75